



SB

ISONEM SB, It is a highly resistant insulating coating with strong adhesion, excellent water resistance and UV resistance, consisting of a special mineral filler and polymer components. **ISONEM SB** does not wear due to its structure, unlike other insulation materials. Therefore, it is very suitable for use on concrete roofs, terraces, walkways, asphalt pavements, tennis courts, and sports areas. The product is not affected by UV, snow, rain, water. If required, all kinds of ceramic, marble and similar coating can be applied on it. Economical and long lasting. No harm to human health.

USAGE AREAS

- Concrete terrace and roof insulation,
- Wet area insulation
- Concrete roads, parks, and gardens
- Hidden gutters, gutter-tile, and soffit.

APPLICATION INFORMATION

Surface preparation: Firstly the application surface is cleaned from dust, dirt and oil. If there are places that require repairing, it is repaired with **ISONEM M 03 Elastic Repair Mortar** or **ISONEM MS Mortar Repair Mortar**. Before application, absorbent substrates should be primed with the **ISONEM UNIVERSAL PRIMER** (1: 7 diluted with water; 1 part primer, 7 parts water). The main application should be started after the primer application is waited to dry between 4-6 hours.

Application method: **ISONEM SB** is a super component ready to use. The product is mixed homogeneously with the help of a mixer in the bucket for 5 minutes. After the mixture is made ready, **ISONEM SB** is applied to the surface in two coats and perpendicular layers to each other. It should be waited minimum of 4 hours between the coats. The product is produced in two types as "summer" and "winter" in accordance with the climate conditions and air temperature to be applied. The summer product is suitable for applications between 18 - 40 °C and the winter product at 5 - 17 °C.

TECHNICAL SPECIFICATIONS

- **Density (25°C, g/mL)** : 1,40 ± 0,10
- **pH (25°C)** : 7,0 - 9,0
- **Viscosity (25°C, mPa.s) : 13000 - 14000** : 13000 - 15000
- **Solid content (% Weight)** : 74 ± 2
- **Water transmission rate (kg/ m². h^{0,5})** : < 0,1 SINIF W₃
- **Adhesion strength by pull-off test (N/mm²)** : Crack bridging flexible systems without trafficking ≥ 0,8, with trafficking 1.5 N/mm²
- **Permeability to water vapour (m)** : 5 ≤ S₀ ≤ 50 CLASS II
- **Solvent** : Water
- **Color** : All requested can be produced in colors
- **Product consumption** : 1 kg/m² (two layers application)
- **Paintable (Coverage) Area** : 5 kg: min. 5 m²/bucket (two layers application)
10 kg: min. 10 m²/bucket (two layers application)
18 kg: min. 18 m²/bucket (two layers application)

PACKAGING & STORAGE

- **Packaging** : 5, 10, 18 kg in PP buckets
- **Storage temperature (°C)** : 5 - 35 °C
- **Shelf life** : 24 months from date of production if stored in original, unopened, undamaged packages.
- **Storage condition** : Store tightly closed in a dry and cool place.



! IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

Depending on the climatic conditions and weather temperature to be applied, you should provide the product as summer or winter.

APPLICATION CONDITIONS and RISKS

Things to consider during and after the application

The application surface must be clean and free from all impurities like dirt, oil, and mud. There should not be exposed to ponding, snow should not accumulate and also the surface should be inclined. Protect from frost.

Other ISONEM products recommended

In primer application, **ISONEM UNIVERSAL PRIMER** specified in the table below should be used depending on the application surface. Itself should not be used as a primer.

Other ISONEM products recommended

It should be applied between 18 - 40 °C (Summer application)
It should be applied between 5 - 17 °C (Winter application)

General Features



Provides %100 Waterproofing



B S1 d0 Fire Class



UV Resistance



Pedestrian Traffic



Elastic Structure



Hygienic, does not contain any harmful substances



Can be customized with color chart



CONCRETE



MARBLE, GRANITE



RAW WOOD



TILE, CERAMICS



MEMBRANE, SHINGLE



STEEL, METAL

	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	in perpendicular layers to each other	in perpendicular layers to each other	in perpendicular layers to each other	in perpendicular layers to each other	in perpendicular layers to each other	X
Surface Humidity	Dry surface	Dry surface	Dry surface	Dry surface	Dry surface	X
Application Tools	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	Roller, brush, spray	X
Primer Usage	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	ISONEM UNIVERSAL PRIMER (diluted)	X
Primer Consumption	100 - 200 g/m ²	100 - 200 g/m ²	100 - 200 g/m ²	100 - 200 g/m ²	100 - 200 g/m ²	X
Product Usage	2 Layers	2 Layers	2 Layers	2 Layers	2 Layers	X
Product Consumption	1kg /m ² (2 layers)	1 kg /m ² (2 layers)	1 kg /m ² (2 layers)	1 kg /m ² (2 layers)	1 kg /m ² (2 layers)	X
Between Two Coats	4 hours	4 hours	4 hours	4 hours	4 hours	X
Touch-free Drying	2 hours	2 hours	2 hours	2 hours	2 hours	X
Through Drying	72 hours	72 hours	72 hours	72 hours	72 hours	X

Note : Drying times are approximate data, it may vary depending on ambient conditions.

